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FORM PTO-1449				ATTY DOCKET NO.		SERIAL NO.	
INFORMATION DISCLOSURE STATEMENT				20784/5		09/745,883	
				APPLICANT(S): Demuth et al.			
				FILING DATE: December 21, 2000		ART UNIT: 1653	
UNITED STATES PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPR
CHK	AA	2,961,377	11/22/1960	Shapiro et al.	167	65	
<del>---</del>	<del>AB</del>	3,174,901	3/23/65	Sterne	167	65	
<del>---</del>	<del>AC</del>	3,879,541	4/22/1975	Kabbe et al.	424	326	
CHK	AD	3,960,949	6/1/1976	Ahrens et al.	260	564 B	
<del>---</del>	<del>AE</del>	4,028,402	6/7/1977	Fischer et al.	260	501.14	
CHK	AF	4,935,493	6-19-1990	Bachovchin et al	530	331	
<del>---</del>	<del>AG</del>	5,462,928	10/31/95	Bachovchin et al.	514	19	
CHK	AH	5,512,549	4-30-1996	Chen et al.	514	12	
<del>---</del>	<del>AI</del>	5,543,396	8/6/96	Powers et al.	514	19	
<del>---</del>	<del>AJ</del>	5,939,560	8/17/99	Jenkins et al.	548	535	
<del>---</del>	<del>AK</del>	6,006,753	12-28-1999	Efendic	128	898	



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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN YES/NO
<del>_____</del>	BA	WO 01/62266 A2	08/30/01	PCT	A61K	38/00	Y
CHK	BB	WO 00/53171	9/14/00	PCT	A61K	31/155	Y
CHK	BC	DT 25 42 598 A1	4/22/76	Germany	C07C	129/16	N
CHK	BD	FR 2 696 740 A1	4/15/94	France	C07D	207/404	N
CHK	BE	FR 2 085 665	12/31/71	France	A61K	27/00	N
CHK	BF	WO 97/40832	11/6/97	PCT	A61K	31/425	Abstract only
CHK	BG	WO 95/15309	6/8/95	PCT	C07D	207/16	Y
CHK	BH	JP 4334357	11/20/92	JAPAN	C07C	233/57	Abstract only
CHK	BI	WO 95/29691	11/09/95	PCT	A61K	38/00	Y
CHK	BJ	WO 98/22494	5/28/98	PCT	C07K	5/06	Y
<del>_____</del>	BK	WO 00/01849	01/13/00	PCT	C12Q	1/68	Y
CHK	BL	EP 0 658 568 A1	6/21/95	EPO	C07K	14/605	Y
<del>_____</del>	BM	DD 296 075 A5	11/21/91	Germany	C07D	295/04	Y
CHK	BN	DD 296 075 A5	11/21/91	Germany	C07D	295/04	N
CHK	BO	EP 0 708 179 A2	4/24/96	EPO	C12N	15/16	Y
<del>_____</del>	BP	EP 0 995 440 A1	4/26/00	EPO	A61K	31/425	N
<del>_____</del>	BQ	WO 91/11457	08/8/91	PCT	C07K	7/34	Y
<del>_____</del>	BR	WO 91/16339	10/31/91	PCT	C07K	5/10	Y
<del>_____</del>	BS	WO 98/19998	5/14/98	PCT	C07D	207/00	Y
<del>_____</del>	BT	WO 91/17767	11/28/91	PCT	A61K	37/54	Y

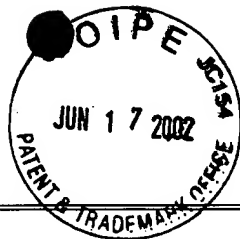
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FOREIGN PATENT DOCUMENTS							
<del>BU</del>		JP 04-288098	10/13/92	JP	C07K	7/06	(Abstract Only)
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
CMK	CA	Campbell, I.W. New Antidiabetic Drugs, ed. C.J. Bailey & P.R. Flatt, Smith-Gordon, "Sulphonylureas and metformin: efficacy and inadequacy". 3:33-51 (1990).					
CMK	CB	The Merck Index, 11 <sup>th</sup> Edition, An Encyclopedia of Chemicals, Drugs, and Biologicals, 1996, Page 934					
	CC	The Merck Index, 12 <sup>th</sup> Edition, An Encyclopedia of Chemicals, Drugs, and Biologicals, 1996, Page 1014.					
CMK	CD	Martindale The Extra Pharmacopoeia, 30 <sup>th</sup> Edition, London Pharmaceutical Press, 1993, Page 1619.					
	CE	Martindale The Extra Pharmacopoeia, 30 <sup>th</sup> Edition, London Pharmaceutical Press, 1993, Page 36.					
CMK	CF	CHEMICAL ABSTRACTS, vol. 115. No. 15, 14. October 1991 (1991-10-14) Columbus, Ohio, US; abstract no. 149947q, SCHOEN EKKEHARD ET AL: "Dipeptidyl peptidase IV in the immune system. Effects of specific enzyme inhibitors on activity of dipeptidyl peptidase IV and proliferation of human lymphocytes"					
CMK	CG	CHEMICAL ABSTRACTS, vol. 126, no. 2, 13. January 1997 (1997-01-13) Columbus, Ohio, US; abstract no. 16161j, STOECKEL A. ET AL: "Competitive inhibition of proline specific enzymes by amino acid thioxopyrrolidides and thiazolidides"					
CMK	CH	CHEMICAL ABSTRACTS, vol. 118, no. 25, 21. Juni 1993 (1993-06-21) Columbus, Ohio, US; abstract no. 255342k, Hosoda, et al, "Preparation of N-(heterocyclic Carbonyl) Amino Acids and Analogs as Prolyl Endopeptidase Inhibitors", November 1992 (1992-11-20)					
CMK	CI	ARAI ET AL: "Synthesis of prolyl endopeptidase inhibitors and evaluation of their structure-activity relationships : in vitro inhibition of prolyl endopeptidase from Canine Brain" CHEMICAL AND PHARMACEUTICAL BULLETIN., Bd. 41, No. 9, 1993, pages. 1583-1588.					
CMK	CJ	AMASHEH, S., et al., "Electrophysiological analysis of the function of the mammalian renal peptide transporter expressed in Xenopus Laevis oocytes". J. Physiol. 504, 169-174 (1997)					
	CK	DURINX, C.; et al.; "Reference Values for Plasma Dipepidyl-Pepidase IV activity and their Association with Other Laboratory Parameters". Clin Chem Lab Med 2001, February; 39 (2) :155-9, 1 page.					
	CL	GOSSRAU, R.; "Cytochemistry of Membrane Proteases". Histochem J, 1985, July; 17 (7) :737-71, 1 page.					



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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
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<del>_____</del>	<del>CN</del>	HEYMANN, E.; et al.; "Has Dipeptidyl Peptidase IV an Effect on Blood Pressure and Coagulation." Klin Wochenschr, 1984, January, 2;62 (1) :2-10, 1 page.
<del>_____</del>	<del>CO</del>	MAGYAR, C.E.; et al.; "Proximal Tubule Na Transporter Responses are the same during Acute and Chronic Hypertension." Am J Physiol Renal Physiol, 2000, August; 279 (2) :F358-69, 1 page.
<del>_____</del>	<del>CP</del>	PAPIES, B.; et al.; "Isoenzyme (Lactate Dehydrogenase, Aspartate Aminotransferase) and Dipeptidyl Peptidase IV Activity Changes in Blood Plasma Likely Indicative of Organ Involvement due to Arterial Hypertension." Cor Vasa, 1991; 33 (3) :218-26, 1 page.
<del>_____</del>	<del>CQ</del>	QURESHI. N.U.; et al., "Endogenous Neuropeptide Y Mediates Vasoconstriction during Endotoxic and Hemorrhagic Shock". Regul Pept, 1998, September 25; 75-76:215-20, 1 page.
<del>_____</del>	<del>CR</del>	Index Nominum, International Drug Directory 1992/1993, Medpharm Scientific Publishers, pages 728-729.
<del>_____</del>	<del>CS</del>	The Merck Index, An Encyclopedia of Chemicals and Drugs, 9 <sup>th</sup> Edition, Merck & Co., Inc., 1976, page 773
<del>_____</del>	<del>CT</del>	C.J. Bailey et al., <u>New Antidiabetic Drugs</u> , Smith-Gordon Nishimura, 1990, p. 36.
<del>CMK</del>	CU	Hoffmann et al., <u>Journal of Chromatography A</u> , "Inhibition of dipeptidyl peptidase IV (DP IV) by anti-DP IV antibodies and non-substrate X-X-Pro- oligopeptides ascertained by capillary eletrophoresis", 1995, 716:355-362.
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<del>_____</del>	<del>CW</del>	Mannucci et al., <u>Diabetes Care</u> , "Effect of Metformin on Glucagon-Like Peptide 1 (GLP-1) and Leptin Levels in Obese Nondiabetic Subjects", 24(3): 489-494, March 2001.
<del>_____</del>	<del>CX</del>	Stryer, <u>Biochemistry</u> 3 <sup>rd</sup> Ed., "Protein Conformation, Dynamics, and Function", 1988, p 191-193.
<del>_____</del>	<del>CY</del>	Pauly et al., <u>Regulatory Peptides</u> , "Abstracts Issue: Abstracts from the 11 <sup>th</sup> International Symposium on Regulatory Peptides", July 15, 1996, 64(1-3): 148 plus cover.
<del>_____</del>	<del>CZ</del>	Gutniak et al., <u>New England Journal of Medicine</u> , "Antidiabetogenic Effect of Glucagon-like peptide-1 (7-36) Amide in Normal Subjects and Patients With Diabetes Mellitus", 1992, 326: 1316-1322.



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CMK	CAA	Hendrick et al., <u>Metabolism – Clinical and Experimental</u> , “Glucagon-like Peptide-I-(7-37) Suppresses Hyperglycemia in Rats”, January 1993, 42(1): 1-6.
CMK	CAB	Nauck et al., <u>Diabetologia</u> , “Normalization of fasting hyperglycaemia by exogenous glucagon-like peptide 1 (7-36 amide) in Type 2 (non-insulin-dependent) diabetic patients”, 1993, 36: 741-744.
CMK	CAC	Gutniak et al., <u>Diabetes Care</u> , “Subcutaneous Injection of the Incretin Hormone Glucagon-Like Peptide 1 Abolishes Postprandial Glycemia in NIDDM”, September 1994, 17(9): 1039-1044.
CMK	CAD	Deacon et al., <u>Journal of Clinical Endocrinology and Metabolism</u> , “Degradation of Glucagon-Like Peptide-1 by Human Plasma in Vitro Yields and N-Terminally Truncated Peptide That Is a Major Endogenous Metabolite in Vivo”, 1995, 80(3): 952-957.
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<del>_____</del>	<del>CAG</del>	T.J. Kieffer et al., “Degradation of Glucose-Dependent Insulinotropic Polypeptide and Truncated Glucagon-Like Peptide 1 In Vitro and In Vivo by DP IV”, <u>Endocrinology</u> , Vol. 136(8), 1995, p 3585-3596.
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<del>_____</del>	<del>CAJ</del>	<u>Vidal</u> , 1993, 69 <sup>th</sup> Edition, p. 612-613.
<del>_____</del>	<del>CAK</del>	<u>Goodman &amp; Gilman's The Pharmacological Basis of Therapeutics</u> , Ninth Edition, 1996, p. 1510.
<del>_____</del>	<del>CAL</del>	Nathan et al., <u>Diabetes Care</u> , “Insulinotropic Action of Glucagonlike Peptide-1-(7-37) in Diabetic and Nondiabetic Subjects”, February 1992, 15(2): 270-275.
<del>_____</del>	<del>CAM</del>	<u>Pschyrembel</u> , <u>Kininisches Wörterbuch</u> 257, Auflage, 1994, 9 pages.
<del>_____</del>	<del>CAN</del>	Frohman et al., <u>Journal of Clin. Invest.</u> , “Rapid Enzymatic Degradation of Growth Hormone-releasing Hormone by Plasma in Vitro and in Vivo to a Biologically Inactive Product Cleaved at the NH <sub>2</sub> Terminus”, Volume 78, October 1986, p 906-913

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<del>CAO</del>	CAO	Snow et al., <u>Advances In Medicinal Chemistry</u> , "Boronic Acid Inhibitors of Dipeptidyl Peptidase IV: A New Class of Immunosuppressive Agents", Vol. 3, 1995, p 149-177.
<i>CHK</i>	CAP	Thorens et al., <u>Diabetes</u> , "Glucagon-Like Peptide-I and the Control of Insulin Secretion in the Normal State and in NIDDM", 1993, 42:1219-1225.
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<del>CAS</del>	CAS	Lee, H.S. et al., "Cathepsin B Inhibitory Peptides Derived from $\beta$ -Casein," <u>Peptides</u> 21 (2000) 807-809.
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Examiner: <i>CHK</i>		Date: <i>1/10/03</i>